

=> D HIS

(FILE 'HOME' ENTERED AT 13:18:35 ON 27 JAN 97)

INDEX 'AGRICOLA, AIDSLINE, ANABSTR, AQUASCI, BIOBUSINESS, BIOSIS,
BIOTECHABS, BIOTECHDHS, CABA, CANCERLIT, CAPLUS, CEABA, CEN, CIN,
CJACS, CJELSEVIER, CONFSCI, CROPB, CROPUS, DDFB, DDFU, DGENE,
DISSABS, DRUGB, DRUGLAUNCH, DRUGNL, DRUGU, EMBAL, EMBASE, ...'

ENTERED AT 13:22:35 ON 27 JAN 97

SEA ((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) (3A) RECEPTOR?

8 FILE AGRICOLA
110 FILE AIDSLINE
2 FILE ANABSTR
15 FILE BIOBUSINESS
1915 FILE BIOSIS
83 FILE BIOTECHABS
83 FILE BIOTECHDHS
41 FILE CABA
1623 FILE CANCERLIT
1717 FILE CAPLUS
18 FILE CEABA
1 FILE CEN
12 FILE CIN
15 FILE CJACS
58 FILE CONFSCI
94 FILE DDFU
249 FILE DGENE
15 FILE DISSABS
7 FILE DRUGNL
100 FILE DRUGU
40 FILE EMBAL
1308 FILE EMBASE
1 FILE FSTA
318 FILE GENBANK
16 FILE IFIPAT
30 FILE JICST-EPLUS
466 FILE LIFESCI
1564 FILE MEDLINE
3 FILE NTIS
1 FILE PHIC
15 FILE PHIN
57 FILE PROMT
1098 FILE SCISEARCH
368 FILE TOXLINE
131 FILE TOXLIT
47 FILE USPATFULL

L1 QUE ((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) (3A) RECEPTOR

SEA L1 AND (CLON? OR CDNA OR DNA OR RNA OR mRNA)

5 FILE AGRICOLA
34 FILE AIDSLINE

2 FILE BIOBUSINESS
401 FILE BIOSIS
66 FILE BIOTECHABS
66 FILE BIOTECHDS
18 FILE CABA
502 FILE CANCERLIT
519 FILE CAPLUS
8 FILE CEABA
4 FILE CIN
11 FILE CJACS
1 FILE CONFSCI
16 FILE DDFU
137 FILE DGENE
5 FILE DISSABS
1 FILE DRUGNL
20 FILE DRUGU
8 FILE EMBAL
359 FILE EMBASE
1 FILE FSTA
318 FILE GENBANK
7 FILE IFIPAT
9 FILE JICST-EPLUS
137 FILE LIFESCI
489 FILE MEDLINE
3 FILE NTIS
1 FILE PHIN
12 FILE PROMT
417 FILE SCISEARCH
106 FILE TOXLINE
54 FILE TOXLIT
44 FILE USPATFULL
L2 QUE L1 AND (CLON? OR CDNA OR DNA OR RNA OR mRNA)

FILE 'BIOSIS, CAPLUS, CANCERLIT, EMBASE, MEDLINE, SCISEARCH'
ENTERED AT 13:32:42 ON 27 JAN 97
L3 401 FILE BIOSIS
L4 519 FILE CAPLUS
L5 502 FILE CANCERLIT
L6 359 FILE EMBASE
L7 489 FILE MEDLINE
L8 417 FILE SCISEARCH
TOTAL FOR ALL FILES
L9 2687 S L2
L10 1095 DUP REM L9 (1592 DUPLICATES REMOVED)
E GREENE J/AU
L11 141 FILE BIOSIS
L12 87 FILE CAPLUS
L13 16 FILE CANCERLIT
L14 71 FILE EMBASE
L15 115 FILE MEDLINE
L16 268 FILE SCISEARCH
TOTAL FOR ALL FILES
L17 698 S E3 OR E26 OR E75 OR E78-79
L18 0 FILE BIOSIS
L19 1 FILE CAPLUS
L20 0 FILE CANCERLIT
L21 0 FILE EMBASE

L22 0 FILE MEDLINE
L23 0 FILE SCISEARCH
TOTAL FOR ALL FILES
L24 , 1 S L17 AND L2
E FLEISCHMANN R/AU
L25 74 FILE BIOSIS
L26 103 FILE CAPLUS
L27 16 FILE CANCERLIT
L28 49 FILE EMBASE
L29 49 FILE MEDLINE
L30 92 FILE SCISEARCH
TOTAL FOR ALL FILES
L31 383 S E3 OR E6 OR E13-15
L32 0 FILE BIOSIS
L33 1 FILE CAPLUS
L34 0 FILE CANCERLIT
L35 0 FILE EMBASE
L36 0 FILE MEDLINE
L37 0 FILE SCISEARCH
TOTAL FOR ALL FILES
L38 1 S L31 AND L2

FILE 'WPIDS' ENTERED AT 13:56:09 ON 27 JAN 97

L39 18 S L2
E GREENE J/AU
L40 0 S E3 AND E11
L41 31 S E3 OR E11
L42 0 S L41 AND L2

RESULT 13
LOCUS HSC0BE062 253 bp RNA EST 26-OCT-1994
DEFINITION H. sapiens partial cDNA sequence; clone c-0be06.
ACCESSION Z38433
NID g560441
KEYWORDS partial cDNA sequence; transcribed sequence fragment.
SOURCE human.
ORGANISM Homo sapiens
Eukaryotae; mitochondrial eukaryotes; Metazoa/Eumycota group;
Metazoa; Eumetazoa; Bilateria; Coelomata; Deuterostomia; Chordata;
Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata;
Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates;
Catarhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 253)
AUTHORS Genexpress.
TITLE Direct Submission
JOURNAL Submitted (24-OCT-1994) to the EMBL/GenBank/DDBJ databases.
Genethon, B.P. 60, 91002 Evry Cedex France and Genetique
Moleculaire et Biologie du developpement, CNRS UPR420 B.P. 8, 94801
Villejuif Cedex France. E-mail: genexpress@genethon.fr
REFERENCE 2 (bases 1 to 253)
AUTHORS Genexpress.

TITLE The Genexpress cDNA program
JOURNAL Unpublished
REFERENCE 3 (bases 1 to 253)
AUTHORS Auffray,C., Behar,G., Bois,F., Boucher,C., da Silva,C.,
Devignes,M.D., Duprat,S., Houlgate,R., Jumeau,M.N., Lamy,B.,
Lorenzo,F., Mitchell,H., Mariage-Samson,R., Pietu,G., Pouliot,Y.,
Sebastiani-Kabakchis,C. and Tessier,A.
TITLE IMAGE: Integrated molecular analysis of the human genome and its
expression
JOURNAL C.R. Acad. Sci., III, Sci. Vie 318, 263-272 (1995)
COMMENT Clone library from B.Soares, Psychiatry Dept. Columbia University
USA;

Cloning_method: total mRNA was oligo-(dT) primed and directionally
cloned 5' -> 3' into the HindIII -> NotI sites of the lafmid BA
vector;
Sequencing_method: single read, full automatic;
Primer: (-21)M13_universal;
cDNA sequence complementary to mRNA (3'end);
Stretch_removed: 31 T removed at sequence 5'end
Normalization_method: Bento Soares, P.N.A.S in press;
Genexpress_library_idt: C;
Genexpress_sequence_idt: alc-0be06;

No significant homology found with :
genbank release 81 swissprot release 28.

FEATURES NCBI gi: 560441
source Location/Qualifiers
1..253
/organism="Homo sapiens"
/dev_stage="3 months old"
/isolate="muscular atrophy patient"
/tissue_type="total brain"
/clone_lib="normalized infant brain cDNA"
/sex="Female"
BASE COUNT 76 a 57 c 49 g 70 t 1 others
ORIGIN
Query Match 1.4%; Score 21; DB 34; Length 253;
Best Local Similarity 78.4%; Pred. No. 1.07e-02;
Matches 29; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
Db 123 acacagctcacatgtacagacaataaaactgctcaag 159
||||||||||| | ||||| | | ||||| |||
Qy 774 ACACAGCTCACAGAACAGACTTCCAGCTGCTGAAG 810

RESULT 2
LOCUS CRAGF1 1933 bp mRNA VRT 01-SEP-1993
DEFINITION Carassius auratus (GFAP-1) mRNA, complete cds.
ACCESSION L23876
NID 9388622
KEYWORDS
SOURCE Carassius auratus adult retina cDNA to mRNA.
ORGANISM Carassius auratus
REFERENCE Eukaryota; Animalia; Chordata; Vertebrata; Osteichthyes;
AUTHORS Actinopterygii; Cypriniformes; Cyprinoidei; Cyprinidae.
TITLE 1 (bases 1 to 1933)
JOURNAL Glasgow, E. and Schechter, N.
COMMENT Nucleotide sequence of a GFAP - like intermediate filament cDNA
UNPUBLISHED from Goldfish retina
JOURNAL Unpublished (1993)
COMMENT NCBI gi: 388622
FEATURES
source Location/Qualifiers
 1..1933
 /organism="Carassius auratus"
 /dev_stage="adult"
 /sequenced_mol="cDNA to mRNA"
 /tissue_type="retina"
CDS 20..1099
 /gene="GFAP-1"
 /note="putative; NCBI gi: 388623"
 /codon_start=1
 /db_xref="PID:g388623"
 /translation="MGLNDRFAFYIEKVRFLLEQQNKMLVAELNQLRGKEPSRLGDIYQ
 EELRELRRQVDFGLNAGKARLEIERDNLASLTLKQRLOEENALRQEAEENNNTFRQD
 VDEAALNRVQLERKIDALQDEISFLRKVHEEMRQLQEQLIAQQVHVLDLVSKPDLTT
 ALKEIARAQFEAMATSNMQETEEWYRSKFADLTDAAGRNAEALRQAKQEANEYRRQIQG
 LTCDLESLRGSNESLERQLREMEERFAIETAGYQDTVARLEDEIQLMKEEMARHLQOEY
 QDLLNVKLALDIEIATYRKLLEGESRITVPQNFTNLQFRDTSLDTKLTPEAHVKRS
 IVVRTVETRDGEIIKESTTERKDLP"

```

Query Match           1.6%; Score 25; DB 77; Length 1933;
Best Local Similarity 77.8%; Pred. No. 1.22e-01;
Matches 35; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

b    901 gaagctgctcgaaggagaggaaagcagaatcactgttccggta 945
     ||||||| |||| | | | | | | | | | | | | | | | | | |
p    931 GAAGCTGCTCGAAGGTGAGGTTAGCATGTCATGTCGGCTGCA 887

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RESULT 7
LOCUS H14106 344 bp mRNA EST 10-JUL-1995
DEFINITION ym62a05.r1 Homo sapiens cDNA clone 163472 5' similar to SP:S32367
ACCESSION S32367 ALPA-SNAP PROTEIN
NID
KEYWORDS
SOURCE H14106
EST.
 human clone-163472 library-Soares adult brain N2b4HB55Y
 vector-pT7T3D (Pharmacia) with a modified polylinker host-DH10B
 (ampicillin resistant) primer-M13RP1 Rsite1-Not I Rsite2-Eco RI
 55-year old male. 1st strand cDNA was primed with a Not I -
 oligo(dT) primer [5'
 TGTACCAATCTGAAGTGGGAGCGGCCGCGCTTTTTTTTTTTTTTTTT
 double-stranded cDNA was size selected, ligated to Eco RI adapters
 (Pharmacia), digested with Not I and cloned into the Not I and Eco
 RI sites of a modified pT7T3 vector (Pharmacia). Library went
 through one round of normalization to a Cot - 53. Library
 constructed by Bento Soares and M.Fatima Bonaldo. The adult brain
 RNA was provided by Dr. Donald H. Gilden. Tissue was acquired 17-18
 hours after death which occurred in consequence of a ruptured
 aortic aneurysm. RNA was prepared from a pool of tissues
 representing the following areas of the brain: frontal, parietal,
 temporal and occipital cortex from the left and right hemispheres,
 subcortical white matter, basal ganglia, thalamus, cerebellum,
ORGANISM midbrain, pons and medulla.
 Homo sapiens
 Eukaryotae; Metazoa; Eumetazoa; Bilateria; Coelomata;
 Deuterostomia; Chordata; Vertebrata; Gnathostomata; Osteichthyes;
 Sarcopterygii; Choanata; Tetrapoda; Amniota; Mammalia; Theria;
 Eutheria; Archonta; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS 1 (bases 1 to 344)
 Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
 Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
 Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
 Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
 Wilson,R.
TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT
 Contact: Wilson RK
 WashU-Merck EST Project
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High quality sequence stops: 313
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL : contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
FEATURES
source NCBI gi: 878954
 Location/Qualifiers
 1..344
 /organism="Homo sapiens"
 /clone="163472"
 /note="human"
BASE COUNT 71 a 116 c 86 g 64 t 7 others
ORIGIN
 Query Match 1.5%; Score 23; DB 8; Length 344;
 Best Local Similarity 77.8%; Pred. No. 2.98e-05;
 Matches 28; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
 Db 117 gcaccacttcccctnactactnctacncacacagct 152
 ||| ||| |||| ||| ||| ||| ||| ||| ||| ||| |||
 Qy 230 GCGCCCTTGCCCTGACCACTACTACACAGACAGCT 265

RESULT 3
LOCUS RRMAP1B5 7095 bp RNA ROD 21-OCT-1992
DEFINITION R.norvegicus mRNA for microtubule associated protein IB.
ACCESSION X60370 X60371 X60550
NID g57618

KEYWORDS MAP1B gene; microtubule-associated protein.
SOURCE Norway rat.
ORGANISM Rattus norvegicus
Eukaryota; mitochondrial eukaryotes; Metazoa/Eumycota group;
Metazoa; Eumetazoa; Bilateria; Coelomata; Deuterostomia; Chordata;
Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata;
Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Glires; Rodentia;
Sciurognathi; Myomorpha; Muridae; Murinae; Rattus.
REFERENCE 1 (bases 1 to 7095)
AUTHORS Zauner,W., Kratz,J., Staunton,J., Feick,P. and Wiche,G.
TITLE Identification of two distinct microtubule binding domains on
recombinant rat MAP 1B
JOURNAL Eur. J. Cell Biol. 57 (1), 66-74 (1992)
MEDLINE 92347374
REFERENCE 2 (bases 1 to 7095)
AUTHORS Wiche,G.
TITLE Direct Submission
JOURNAL Submitted (07-AUG-1991) to the EMBL/GenBank/DDBJ databases. G.
Wiche, Inst of Biochemistry, University of Vienna,
Waehringerstrasse 17, 1090 Vienna, AUSTRIA
REMARK revised by [3]
REFERENCE 3 (bases 1 to 7095)
AUTHORS Wiche,G.
TITLE Direct Submission
JOURNAL Submitted (07-AUG-1992) to the EMBL/GenBank/DDBJ databases. G.
Wiche, Institute of Biochemistry and Molecular Biology, University
of Vienna, Dr. Bohrgasse 9, 1030 Vienna, AUSTRIA
COMMENT NCBI gi: 57618
FEATURES Location/Qualifiers
source 1..7095
/organism="Rattus norvegicus"
/strain="Sprague-Dawley"
/dev_stage="adult"
/tissue_type="brain"
/cell_type="C6 glioma"
BASE COUNT 2124 a 1856 c 1799 g 1316 t
ORIGIN

Query Match 1.6%; Score 24; DB 66; Length 7095;
Best Local Similarity 76.1%; Pred. No. 5.70e-01;
Matches 35; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
Db 1004 gcaaggaaatgcagtatttcatgcagcagtggactggaaaccaa 1049
||||||| ||||||| ||||| ||||| ||||| ||||| |||||
Qy 305 GCAAGGAGCTGCAGTACGTCAAGCAGGAGTGCAATCGCACCCACAA 350

RESULT 11
ID R38859 standard; Protein; 277 AA.
AC R38859;
DT 07-FEB-1994 (first entry)
DE CD40 protein.
KW Receptor; ligand; B-cell; T-cell; allergy; autoimmunity; antibody.
OS Homo sapiens.
FH Key Location/Qualifiers
FT Domain 194..277
FT /label= Transmembrane domain.
PN EP-555880-A.
PD 18-AUG-1993.
PF 12-FEB-1993; 102279.
PR 14-FEB-1992; US-835799.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
PA (DART-) DARTMOUTH COLLEGE.
PA (GEHO) GEN HOSPITAL CORP.
PI Aruffo AA, Ledbetter JA, Noell R, Stamenkovic I,
PI Noelle R;
DR WPI; 93-260142/33.
DR N-PSDB; Q47341.
PT CD40CR receptor and its' ligands - used to inhibit B-cell
PT activation in allergy and auto-immune disease
PS Claim 1; Figure 8a; 21pp; English.
CC The CD40CR receptor is a counter receptor for the CD40 B-cell
CC antigen. It is also a receptor for ligands (sometimes fusion
CC molecules) comprising part of the CD40 protein. A soluble
CC CD40/immunoglobulin fusion protein is able to inhibit helper T-cell
CC mediated B-cell activation by binding to the CD40 receptor on
CC T-cell membranes. Purified receptor provides a means of
CC controlling B-cell activation which may be useful in the treatment
CC of allergy and autoimmune disease.
SQ Sequence 277 AA;

Query Match 9.9%; Score 301; DB 7; Length 277;
Best Local Similarity 36.8%; Pred. No. 5.78e-18;
Matches 56; Conservative 21; Mismatches 67; Indels 8; Gaps 7;

Db	38 cslcqpgqklvsdctefteteclpccesefldtnrethchqhkycdpn-lg1r-vqqkg 95
Qy	41 CDKCPPGTYLKQHCTAKWKTVCAPCPDHYYTDWSHTSDEC-L--YCSPVCKELQYVKQEC 97
Db	96 tsetdtictceegwhctseacescvlhrscspgfgvkqiavgsdticepcpvffsnvs 155
Qy	98 NRTHNRVCECKEGRY-L-EI-EFCLKHRSCPPGFVVQAGTPERNTVCKRCPDGFFSNET 154
Db	156 safekchpwtsctekdlvvqqagtnktvvvcg 187
Qy	155 SSKAPCRKHTNCVSFGLLLTKGNATHDNICS 186

RESULT 7
LOCUS HSLIPA4 1851 bp DNA
DEFINITION H.sapiens LIPA gene, exon 4.
ACCESSION X75491
NID g443925
KEYWORDS acid cholesteryl ester hydrolase; lipA gene;
SOURCE lysosomal acid lipase.
ORGANISM human.
Homo sapiens
Eukaryota; mitochondrial eukaryotes; Metazoa/Eumycota group;
Metazoa; Eumetazoa; Bilateria; Coelomata; Deuterostomia; Chordata;
Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata;
Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates;
Catarrhini; Hominidae; Homo.
1 (bases 1 to 1851)
REFERENCE
AUTHORS Aslanidis,C., Klima,H., Lackner,K.J. and Schmitz,G.
TITLE Genomic organization of the human lysosomal acid lipase gene (LIPA)
JOURNAL Genomics 20 (2), 329-331 (1994)
MEDLINE 94292225
REFERENCE
AUTHORS Aslanidis,C.
TITLE Direct Submission
JOURNAL Submitted (02-NOV-1993) to the EMBL/GenBank/DDBJ databases. C.
COMMENT Aslanidis, Inst for Clinical Chemistry & Lab. Med., University of
Regensburg, 93042 Regensburg, FRG
FEATURES NCBI gi: 443925
source Location/Qualifiers
1..1851
/organism="Homo sapiens"
/clone_lib="human placenta DNA cloned in lambda FIXII
(stratagene)"
/chromosome="10q23.2-q23.3"
<1..948
/number=3
949..1137
/gene="LIPA"

/EC_number="3.1.1.13"
/product="sterol esterase".
exon 949..1137
/gene="LIPA"
/number=4
/usedin=x75489:LIPA_CDS
/usedin=x75489:LIPA_mRNA
intron 1138..>1851
/number=4
BASE COUNT 481 a 347 c 369 g 653 t 1 others
ORIGIN
Query Match 1.5%; Score 23; DB 51; Length 1851;
Best Local Similarity 78.0%; Pred. No. 2.52e+00;
Matches 32; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
Db 662 ttcttaaaaatattgattttggcgtacataa 702
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Cp 851 TTCTTGACTATCTGGTCTTGATTTCCATAA 811